

Title (en)

Furyl and thienyl substituted taxanes as antitumour agents.

Title (de)

Furyl- und Thienyl-substituierte Taxane als Antitumormittel.

Title (fr)

Taxanes furyl et thienyl substitués comme agents antitumoraux.

Publication

**EP 0534708 A1 19930331 (EN)**

Application

**EP 92308608 A 19920922**

Priority

- US 76380591 A 19910923
- US 86281992 A 19920403

Abstract (en)

A taxane derivative of the formula <CHEM> wherein R<5> is <CHEM> Z is -OT<5>, T<5> is hydrogen, hydroxyl protecting group, or -COT<6>, T<6> is H, C<5>-C1/4 alkyl, C<5>-C1/4 alkenyl, C<5>-C1/4 alkynyl or monocyclic aryl, R<7> is benzoyl, substituted benzoyl or C<5>-C1/4 alkoxy carbonyl, Ac is acetyl, and E<5> and E<6> are independently selected from hydrogen and functional groups which increase the water solubility of the taxane derivative are useful as antitumor agents.

IPC 1-7

**A61K 31/335; C07D 405/12; C07D 407/12**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [AD] EP 0253738 B1 19900131
- [AD] US 4942184 A 19900717 - HAUGWITZ RUDIGER D [US], et al
- [A] JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 93, no. 9, 5 May 1971, Washington, DC, US, pages 2325 - 2327 M.C. WANI ET AL.: 'Plant antitumour agents. VI. The isolation and structure of taxol, a novel antileukaemic and antitumour agent from Taxus brevifolia'

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